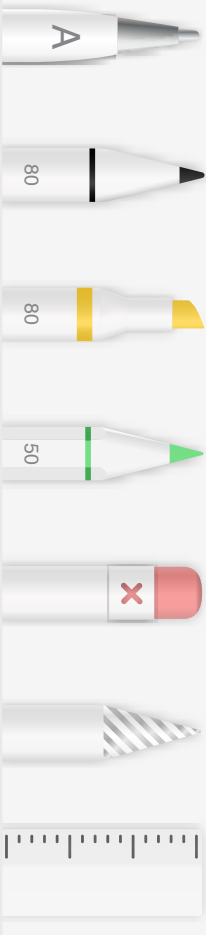
App Proposal

The video solution

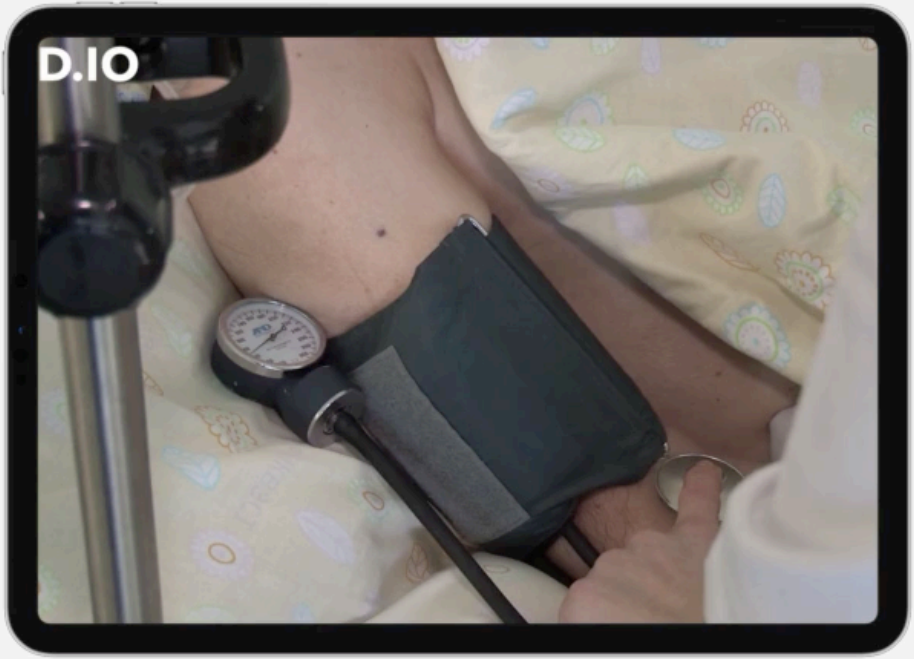
13

Video solution


A
80
80
50

It allows for in app drawing, such as pannin
highlighting on the fly, writing text, so that th
the other nurse/doc can both exchange
communication.
Here we see what the other side
channel may be looking at and m
promptly give advice.
In case of low connectivity it is
quality of video with lossy co
continuing recording and se
later use

Figure Displays pencil functionalities on live caregiver stream



The video solution

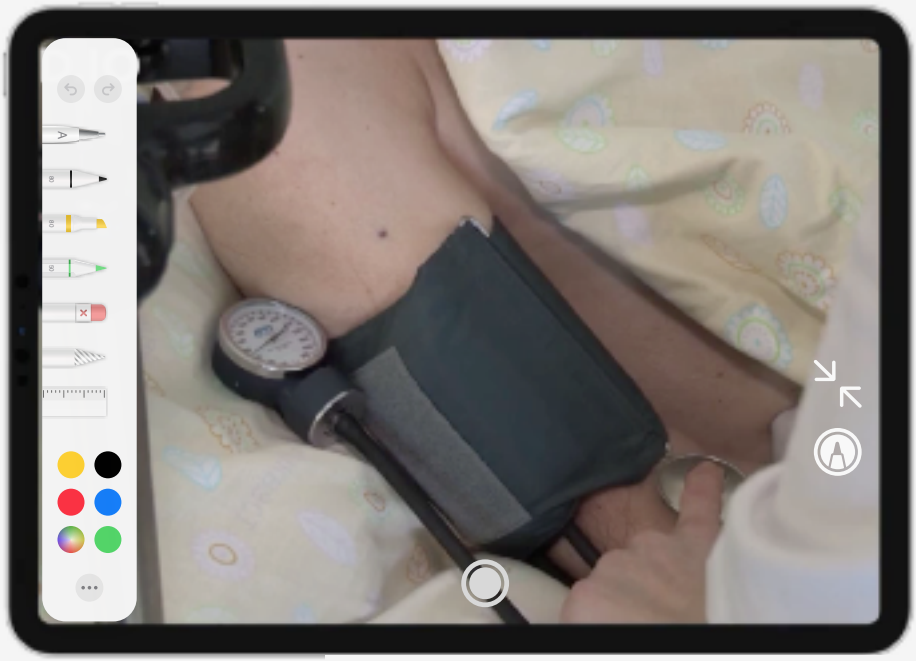
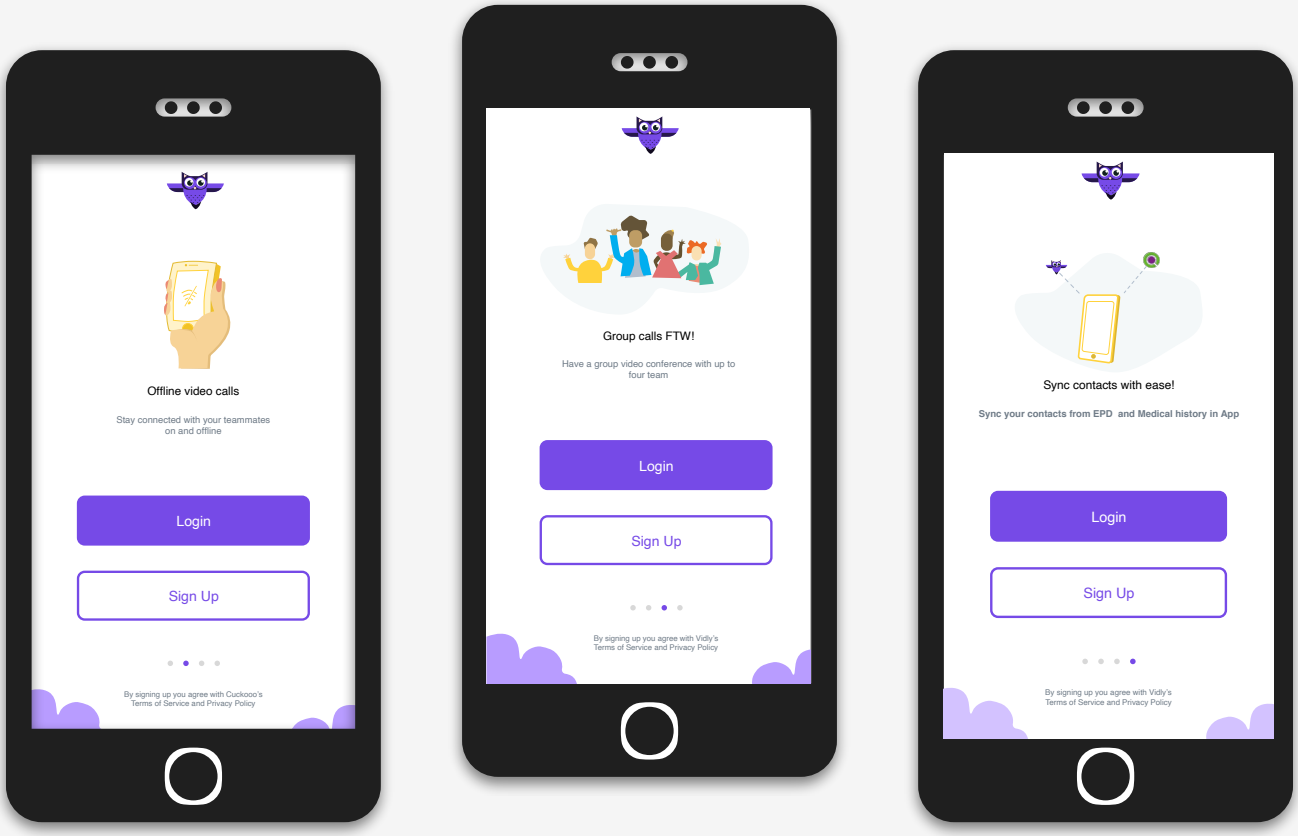


Figure Displays pencil functionalities on live caregiver stream

It allows for in app drawing, such as panning, zooming, highlighting on the fly, writing text, so that the caregiver and the other nurse/doc can both exchange a faster smoother communication.
Here we see what the other side of the communication channel may be looking at and may type for instructions to promptly give advice.
In case of low connectivity it is also possible to downscale the quality of video with lossy co mpression and/or interrupt whilst continuing recording and sending as media attachment for later use

Functionalities



Figures (from left to right) displaying onboarding with functionalities intro (offline connectivity, team management/calls scheduling and integration with EPD Medicore/ electronic health paper records)

As mentioned this solution will deal with low connectivity (online and offline streaming and Agora SDK allows for lossy compression to customise bitrate). On a side-note Parrot SDK has been chosen because it interfaces with custom hardware which creates its own WiFi channel of communication